

IN THE CLAIMS:

Please cancel claim 5 without prejudice or disclaimer of the subject matter thereof.

The following is a complete listing of claims in this application.

1. (currently amended) Process for determining the stress capacity of a person while taking into consideration the individual anaerobic threshold by measuring lactate concentrations in dependence upon ~~the~~ work performed, ~~characterized by comprising the process~~ steps of

- measuring the time-dependent lactate concentration changes above the individual anaerobic threshold,

- ~~adjusting plotting a measured curve to of the obtained~~ measured values ~~in which of~~ the lactate concentration is recorded with respect to time,

- determining a first ~~rise in slope of the measured curve~~ ~~in one of the individual anaerobic thresholds according to at~~ time point t_{IAT} , ~~at the individual anaerobic threshold,~~

- determining at least one more ~~rise from slope of the~~ measured curve at a time point t_x , with $t_x > t_{IAT}$, and

- subtracting the second ~~rise slope~~ from the first ~~rise slope~~ for determining a difference ΔA .

2. (currently amended) Process according to claim 1, ~~characterized in that the wherein~~ differences ΔA_x with $x = 1, 2 \dots$ are recorded with respect to ~~the~~ effort expended and the measured curves formed in this way are compared with standard curves, measured curves of different persons, or measured curves of the same person at different stress times.

3. (currently amended) Process according to claim 1, ~~characterized in that wherein~~ the ~~measured~~ curves are measured during a staged effort change of the person.

4. (currently amended) Process according to claim 1,

~~characterized in that wherein the measured~~ curves are measured
during a continuous effort change of the person.

Claim 5 (canceled).

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